

# SIEMENS

## MAMMOMAT 1000/3000

**SP**

Service

### Repair Instructions

Replacing SW version V3.0 or V3.1

Kit part No. 62 98 959

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## General

Software V3.1 is valid for all MAMMOMAT 1000/3000 units, for serial no. 6500 to 6999. It can be installed in machines having either V3.0 or V3.1 software.

## Parts included

The spare part kit 62 98 959 comprises the following parts:

Amount	Part No.	Article	SW-version
1	65 50 060	Generator PROMs	3.1
1	65 18 943	Stand PROM	3.1
1	65 50 045	Service Program	3.1
1	65 69 078	Repair Instructions (this document)	-

## Documents required

Wiring Diagrams, MAMMOMAT 1000/3000

Installation and Start-Up Instructions, MAMMOMAT 1000/3000

Service Program, MAMMOMAT 1000/3000

Instructions for use, MAMMOMAT 1000/3000

## Tools required

Standard tool kit, ESD tools

Service PC (e.g. Siemens Nixdorf PCD3-NSX/20 or similar) with connecting cable (PC-Generator), part no. 99 00 440 RE999.

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## Installing V3.1

1. Mains and system OFF.
2. Remove the front cover from the generator and the rear cover from the stand, see Installation and Start-Up Instructions, MAMMOMAT 1000/3000.
3. Mains and system ON.
4. Note the settings of System type, collimator, see Installation and Start-Up Instructions for working with the service PC.

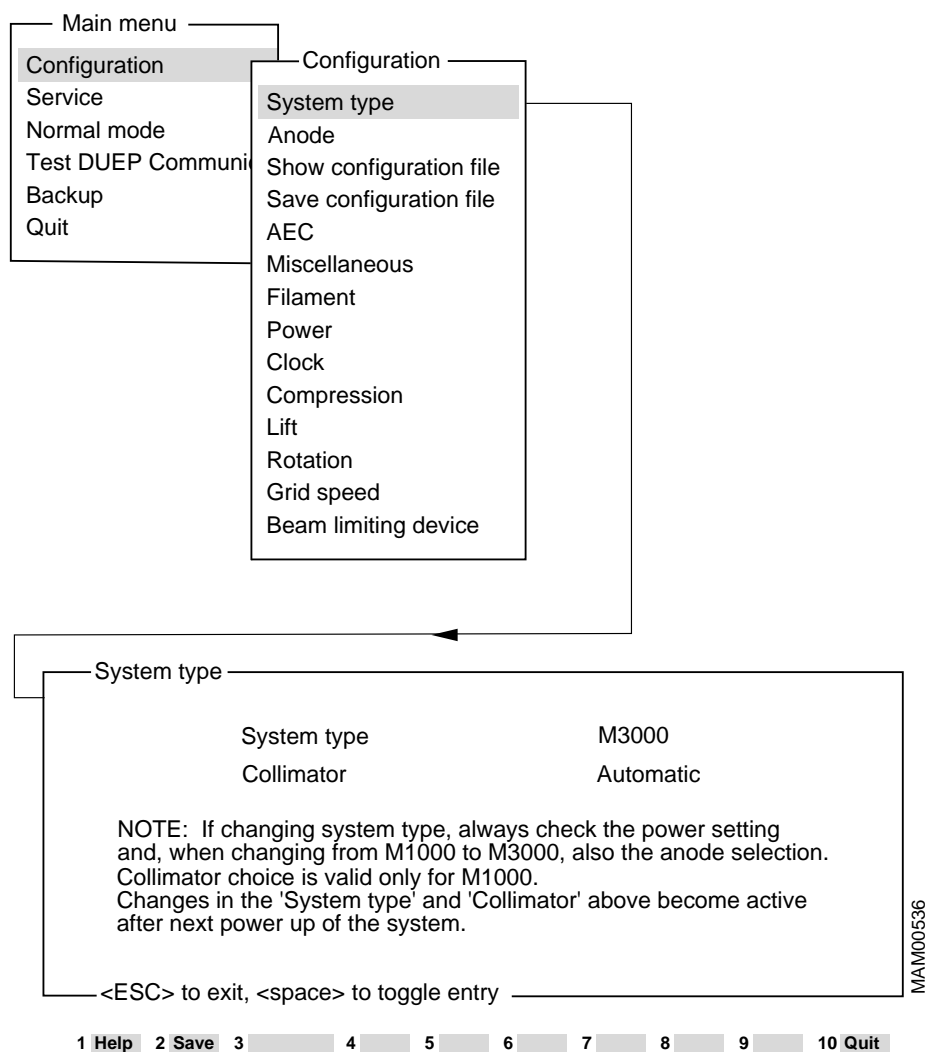


Fig. 1

## 5. Note the settings of Anode.

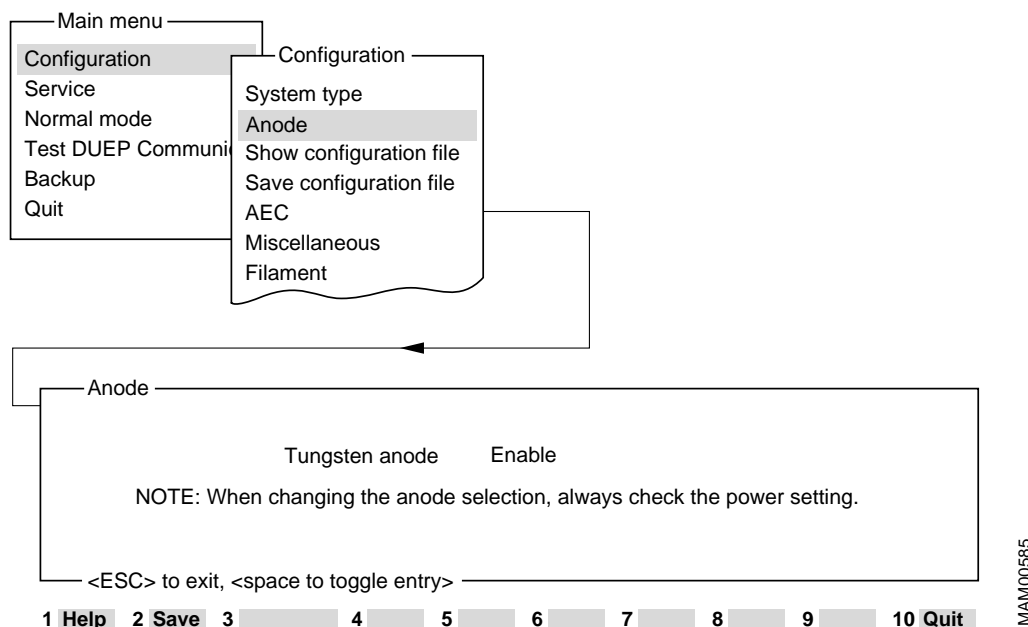


Fig. 2

6. Mains and system OFF.
7. Exchange the proms on D701 (J113), D702 (J39), D740 (I10) in the generator and D801 (I9) in the stand.
8. Mains and system ON.
9. Acknowledge any errors caused by the software change with the Lim button on the control panel. Check that the motorized movements function properly, see Installation and Start-Up instruction, MAMMOMAT 1000/3000.
10. Check the settings of System type, collimator and Anode.
11. Make an AEC exposure, see Instructions for use, MAMMOMAT 1000/3000.
12. Perform a Backup, Copy installation area to floppy, All, using service program V 3.1.

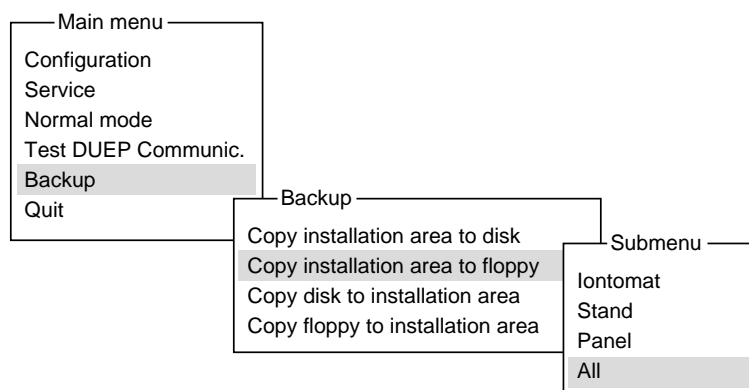


Fig. 3

13. Mains and system OFF.
14. Disconnect the service PC.
15. Reinstall the generator and stand covers.